

ABSTRACT OF THE DISCLOSURE

An overcoat application apparatus is used to transfer an overcoat material from a donor support to a printed media. The overcoat application apparatus in this case includes a laminate cartridge, a donor supply reel, a donor guide bar, a heated fuser roller, a pressure roller, a peel bar, and a take-up reel. The donor supply reel provides a continuous source of donor plus overcoat material. The donor guide bar guides printed media and the donor plus overcoat into a nip created by forcing the heated fuser roller and pressure roller together. The heated fuser roller is used to transport the printed media and donor through the nip and apply heat to the donor and printed media. The pressure roller is used to apply pressure to the fuser roller in order to produce the mechanical nip. The nip plus the heat causes the overcoat material on the donor to be transferred to the printed media. After the fusing process, the peel bar is used to separate the support layer of the laminate carrying donor from the printed media that is now coated with the overcoat material. The laminate cartridge has two spool holders, the first spool holder supports a spool of the laminate carrying donor material and the second spool holder supports a spool of the substrate after the overcoat material is used.

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